## INTERNATIONAL SEARCH REPORT

ini al Application No PCT/IB 03/05699

A CLASS	RECATION OF SUBJECT MATTER	<del></del>							
A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G11B20/12 G11B20/18									
According to International Patent Classification (IPC) or to both national classification and IPC									
B. FIELDS SEARCHED									
Minimum documentation searched (classification system followed by classification symbols)  IPC 7 G11B									
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched									
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)									
EPO-In	iternal, WPI Data, PAJ								
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT								
Category °	Citation of document, with Indication, where appropriate, of the re	elevant passages	Relevant to claim No.						
X	WO 02 052558 A (PIONEER CORP; TO YOSHIMI (JP)) 4 July 2002 (2002- abstract	1-18							
	page 17, line 10 - line 14 page 27, line 24 -page 28, line page 36, line 26 -page 37, line page 40, line 7 - line 12								
А	EP 1 239 477 A (LG ELECTRONICS I 11 September 2002 (2002-09-11) abstract paragraph '0021! - paragraph '0 figures 3-5	1,9,13, 14,16							
Furth	er documents are listed in the continuation of box C.	χ Patent family members are listed in	annex.						
"A" documer consider earlier de filling de "L" documer which is citation "O" documer other m documer later the	nt which may throw doubts on priority claim(s) or solded to establish the publication date of another or other special reason (as specified) in referring to an oral disclosure, use, exhibition or leans in the priority of the international filing date but an the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.  "&" document member of the same patent family							
Date of the a	ctual completion of the international search	Date of mailing of the international searc	h report						
26 March 2004		19/04/2004							
Nama and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk		Authorized officer							
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Sucher, R							

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